

Cascades. Part 2: Cascades of objects. From level-generation to frame-generation

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The talk continues the first talk on cascades from 22 June 2017. After a short recapitulation of the first part, it proceeds to a generalization of the notion of cascade to objects and persons and roles of both.

The second part of this talk turns to types of attribute in general frame ontology. It is argued that any bearer-attribute-value configuration can be considered a generalized cascade relation: Applying the attribute to its bearer constitutes a mechanism of qualified level-generation that generates a trope (in a generalized sense of a bearer-attribute-value constellation).

This view of the function of attributes opens a dynamic perspective on frames. It looks at frame structures as models of *frame formation*, where the recursive steps of frame formation are those level-generation steps of attribute application. Each such step contributes to the formation of a concept, adds to it and expands it.

As a contribution to a frame-based theory of human cognition, the talk proposes a generalization and unification of the notion of attribute (hitherto a heterogeneous crowd of value assignments): All attribute application can be considered as constituting subtypes of qualified level-generation.

As a contribution to the philosophy of language, the talk offers new perspectives on natural language metaphysics and ontology: a pervasive theory of generalized cascades and a generalized notion of tropes that captures arbitrary bearer-attribute-value constellations, as *the* elements of concept formation – and thereby of the constitution of reality.